Recombinant Human DUT protein

Cat. No. DUT-790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUT(Met1-Asn164) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asn164
Form	Supplied as a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.
AA Sequence	MPCSEETPAISPSKRARPAEVGGMQLRFARLSEHATAPTRGSARAAGYDLYSAYDY TIPPMEKAV VKTDIQIALPSGCYGRVAPRSGLAAKHFIDVGAGVIDEDYRGNVGVVL FNFGKEKFEVKKGDRIA QLICERIFYPEIEEVQALDDTERGSGGFGSTGKN
Endotoxin	Less than 0.1 ng/ɡ (1 IEU/ɡ) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Store at < -20 centigrade, stable for 6 months after receipt.Please minimize freeze-thaw cycles.
Shipping	The product is shipped on dry ice/ice packs.

GENE INFORMATION

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Gene Name	DUT deoxyuridine triphosphatase [Homo sapiens]
Official Symbol	DUT
Synonyms	DUT; deoxyuridine triphosphatase; dUTP pyrophosphatase; deoxyuridine 5-triphosphate nucleotidohydrolase, mitochondrial; dUTPase; dUTP nucleotidohydrolase; FLJ20622;
Gene ID	1854
mRNA Refseq	NM_001025248
Protein Refseq	NP_001020419
MIM	601266
UniProt ID	P33316
Chromosome Location	15q21.1
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Pyrimidine biosynthesis, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;
Function	dUTP diphosphatase activity; hydrolase activity; protein binding;

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